

MARKED-UP VERSION OF ORIGINALLY FILED ABSTRACT:

ABSTRACT OF THE DISCLOSURE

~~The present invention relates to providing a~~ A power plug with overloaded display, ~~which provides~~ display providing users with ~~the~~ a function of a warning display for protecting the power plug from over-heated melting and from shorting and catching on fire. ~~The character is that~~ plug includes an embedded positioned block ~~is~~ arranged on ~~the~~ a periphery of the electric ~~metal-pin~~ metal-pins of ~~said~~ the power plug, and a thermochromic film is coated on the surface of ~~said~~ the embedded positioned block, and warning characters are printed on ~~said~~ the embedded positioned block. The external body of ~~said~~ the power plug is made by injection modeling with mixed transparent PVC and thermochromic materials, or the embedded positioned block may be directly injected with thermochromic materials, or connected with a detecting transistor linked by a light emitting diode (LED). When the power plug is over-heated and the temperature of the power plug generally increases, the thermochromic materials or the LED will display a warning message.

Application No. 10/815,815

Summary

Should any points remain in issue, which the Examiner feels could best be resolved by either a personal or a telephone interview, it is urged that Applicant's local attorney be contacted at the exchange listed below.

Respectfully submitted,

Date: October 24, 2005

By:



Bruce H. Troxell
Reg. No. 26,592

TROXELL LAW OFFICE PLLC
5205 Leesburg Pike, Suite 1404
Falls Church, Virginia 22041
Telephone: 703 575-2711
Telefax: 703 575-2707